

What is claimed is:

- 5 1. A temperature measure device probe having a flexible material  
contained inside of a body or housing comprising:  
a narrow material made of thin flexible film or plastic;  
10 a carrier or body that can retain the material for dispensing;  
a start and end of the narrow material that can be wound to hold multiple  
disposable covers for dispensing within or on the temperature measure device;  
15
2. The temperature probe of claim 1 wherein the material is made of clear flexible film  
with selective adhesive to secure to the probe.  
20
3. The temperature probe of claim 2 wherein the material is also marked or identified  
by either a perforated edge or variation in color to identify the index distance.
- 25 4. The temperature probe of claim 1 wherein the cartridge is made of an outer shell  
and an internal gear to make a ratchet mechanism for indexing the cover.
- 30 5. A temperature measuring device wherein the device has a light source to provide  
light to the patient for ease of use built into the body of the device and illuminating  
light in the approximate direction of the desired temperature source.
- 35 6. The temperature probe of claim 5 wherein the temperature measuring device light  
is independently functional of the temperature measuring device, and can provide  
light in the direction of the target temperature source.  
40
7. The temperature probe of claim 5 wherein the low power source is a light emitting  
diode.

8. The temperature probe of claim 1 wherein the dispensing of the cover is activated through the use of the switch or button to measure the temperature.
- 5 9. The temperature measuring device of claim 1 having a pivoting retainer ring or spherical cap to secure the cover in position after the cover or film is dispensed.
- 10 10. The probe cover made of a thin liquid like material that can be formed into a flexible solid thin disposable cover in room temperature and taking form of the probe shape.
- 15 11. The probe of claim 4 having a mechanism that can be fixed to rotate about a central axis to load and unload a protective cover.
- 20 12. The probe of claim 1 configured to have a light source illuminate through the probe housing through a series of holes to allow the light that passes through illuminate the target.
- 25 13. The probe of claim 4 having a mechanism that can be coupled with the load and unload portion of the sensor cover-dispensing unit.
- 30 14. The thermometer housing having a illuminated portion, made of an illuminated material located at or in close proximity to the sensor or probe end.
- 35 15. The probe of claim 1 having a protective or probe cover that is made of a heat sealed sheath that is supplied on a roll or cartridge as noted in claim 1.
- 40 16. A thermometer system for providing a light as an accessory incorporated within a thermometer having a housing made of a plastic or composite material, a

power switch, a sensor portion and a temperature display, comprising:

5 a sensor probe mounted at one end of the housing on the thermometer device and  
adapted to be actuated by a switch by the person using the device.

10 17. The system of claim 16, wherein said light is adapted to be mounted on a  
housing of the thermometer.

15 18. The system of claim 16, wherein said light is a light emitting diode or bulb.